

FEE TRANSMITTAL

for FY 2002

DEC 04 2001

(Substitute form)

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/930,440
Filing Date	August 16, 2001
First Named Inventor	Betenbaugh, et al.
Examiner Name	To Be Assigned
Group Art Unit	1651
Attorney Docket Number	PF509P2

Total amount of payment

\$210.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other*

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
101	740	201	370
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80

SUBTOTAL (1) \$0.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20*	\$18.00	
	-3*	\$84.00	
Multiple Dependent		\$280.00	

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9			Claims in excess of 20
102	84	202	42			Independent claims in excess of 3
104	280	204	140			Multiple dependent claim, if not paid
108	84	209	42			** Reissue independent claims over original patent
110	18	210	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$0.00

* or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65
127	50	227	25
139	130	139	130
142	1,280	242	640
195	300	195	300
179	740	279	370
098	130	098	130
126	180	126	180
123	50	123	50
146	740	246	370
149	740	249	370
145	100	145	100
147	2,520	147	2,520
099	8,800	099	8,800
148	110	248	55
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
122	130	122	130
140	110	240	55
141	1,280	241	640
091	1,280	091	1,280
561	3	561	3
581	40	481	40

Other fee (specify):

Other fee (specify):

Other fee (specify):

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$210.00

Submitted By

Complete (if applicable)

Name (Print/Type) Jonathan L. Klein	Registration No.: 41,119	Telephone 301-251-6015
Signature: <i>Jonathan L. Klein</i>		Date: 12/4/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/930,440	08/16/2001	Michael J. Betenbaugh	PF509P2

22195
HUMAN GENOME SCIENCES INC
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

CONFIRMATION NO. 1490

FORMALITIES LETTER



OC00000000684351

Date Mailed: 10/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

12/05/2001 BABRAHA1 00000013 083425 09930440

01 70:105 130.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

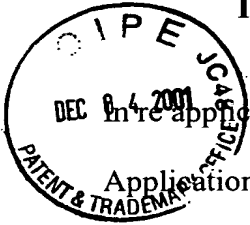


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of: Betenbaugh, et al.

Application Serial No.: 09/930,440

Group Art Unit: 1651

Filed: August 16, 2001

Examiner: To Be Assigned

For: Engineering Intracellular Sialylation Pathways

Attny Docket No.: PF509P2

RESPONSE TO NOTICE TO FILE MISSING PARTS

BOX MISSING PARTS
Commissioner For Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts mailed October 4, 2001, submitted herewith is (1) an executed Declaration and Power of Attorney (in 2 counterpart(s)); (2) a Fee Transmittal for FY 2002 with appropriate fee(s) (in duplicate); (3) a copy of said Notice for entry in the above-referenced application; and (4) an Amendment with Statements Under 37 C.F.R. § 1.825(a) and (b); and (5) an Information Disclosure Statement Pursuant to 37 C.F.R. § 1.56 with accompanying forms PTO/SB/08A (10-96) (11 pp.).

The Commissioner is hereby authorized to charge the required fee of \$130.00, and any other fee deemed necessary, to Deposit Account No. 08-3425.

Respectfully submitted,

Dated: 12/4/01

Jonathan L. Klein (Reg. No. 41,119)
Attorney for Applicants

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JLK/DAS/kp